

CLAIM

1. *Lactobacillus reuteri* Probio-16 (Accession No. KCCM 10214), inhibitory of the growth of rotavirus and other pathogenic organisms.

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2. A pharmaceutical, veterinary, or alimentary composition comprising an effective amount of probiotic *Lactobacillus reuteri* Probio-16 as defined in claim 1 and a carrier.

10 3. The composition of claim 2 wherein the composition is useful for changing the digestive system bacteria in mammals including humans, when fed orally.

4. The composition of claim 2 wherein the composition is useful for the prevention and treatment of diarrhea in mammals including humans, when fed orally.

15 5. A feedstock or food composition including an effective amount of the probiotic composition as defined in claim 2.

6. A method for reducing the incidence of or treating infectious diarrhea in mammals, including human, said method comprising enterally administering an effective amount of *Lactobacillus reuteri* Probio-16 as defined in claim 1.

20 7. A method for reducing the incidence of or treating infectious diarrhea in mammals, including human, said method comprising enterally administering the probiotic composition defined in claim 2 to said mammals.

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8. A method for retarding the onset of or treating an infection caused by rotaviruses in mammals, including human, said method comprising enterally administering an effective amount of *Lactobacillus reuteri* Probio-16 as defined in claim 1.

30 9. A method for retarding the onset of or treating an infection caused by rotaviruses in mammals, including human, said method comprising enterally administering the probiotic composition defined in claim 2 to said mammals.